



PTO/SB/21 (08-03)

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3672  
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Bh

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)		Application Number	10/081,275
		Filing Date	February 21, 2003
		First Named Inventor	Amardeep Singh
		Art Unit	3672
		Examiner Name	H. Dang
Total Number of Pages in This Submission	5	Attorney Docket Number	1030-20003

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment/Reply  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input checked="" type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/ Incomplete Application  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Form PTO-1449 (1 p.); acknowledgement postcard
Remarks		

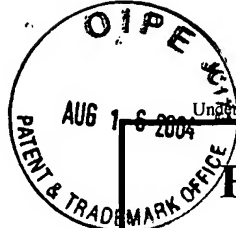
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm Or Individual Name	ROBERT M. GRAY 41,798
Signature	
Date	August 11, 2004

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or Printed Name		Sandra K. Begley	
Signature		Date	August 11, 2004

132370.01/1030.20003

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

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# FEE TRANSMITTAL For FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT \$ 180.00

## METHOD OF PAYMENT (Check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:  
Deposit Account Number: 03-2769  
Deposit Account Name: Conley Rose, P.C.

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below  
☒ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account  
☒ Credit any overpayments

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee	Code (\$)	Fee	Code (\$)		
1001	770	2001	385	Utility filing fee	\$
1002	340	2002	170	Design filing fee	\$
1003	530	2003	265	Plant filing fee	\$
1004	770	2004	385	Reissue filing fee	\$
1005	160	2005	80	Provisional filing fee	\$

SUBTOTAL (1) \$00.00

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims		Extra Claims		Fee from below		Fee Paid
66		67** = 0	x	18.00	=	\$00.00
Independent Claims	8	8** = 0	x	86.00	=	\$00.00
Multiple Dependent				290.00	=	\$00.00

Large Entity		Small Entity		Fee Description
Fee	Code (\$)	Fee	Code (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent Claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$00.00

\*\* or number previously paid, if greater; For Reissues, see above

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	ROBERT M. GRAY	Registration No. (Attorney/Agent)	41,798	Telephone	(713) 238-8000
Signature		Date	August 11, 2004		

132369.01/1030.20003

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121184.01/1030.20003



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Amardeep Singh, et al.	§	
		§	
Serial No.:	10/081,275	§	Group Art Unit: 3672
		§	
Filed:	February 21, 2002	§	Examiner: Hoang C. Dang
		§	
For:	Hydro-Lifter Rock Bit With	§	Confirmation No.: 3048
	PDC Inserts	§	

**INFORMATION DISCLOSURE STATEMENT**

Atty. Dkt. No.: 1030-20003

Date: August 11, 2004

Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

This Information Disclosure Statement, including completed Form PTO-1449, comprises a list of pertinent art of which Applicants are aware.

Consideration of art cited in following related applications and additional information is requested:

U.S. Patent Application Serial No. 09/589,260, filed June 7, 2000, entitled Hydro-Lifter Rock Bit with PDC Inserts.

A copy of each publication listed on Form PTO 1449 is enclosed herewith except that pursuant to 37 C.F.R. § 1.98 (d), copies of certain patents, publications, pending U.S. application(s) or other information, as specified in 37 C.F.R. § 1.98 (a), listed in the attached Form PTO-1449 are not provided herewith, as they have been previously submitted to, or cited by, the Office in the above-mentioned earlier U.S. Patent Application(s). The Information Disclosure Statement filed in the earlier application(s) complies with 37 C.F.R. § 1.98 (a)-(c).

The submission of this Information Disclosure Statement and the references submitted therewith is not an admission that the art cited is "prior" with respect to the present invention, nor is it a representation, that no better art exists. Applicants hereby reserve the right to swear behind or otherwise disprove any alleged "prior" nature of any art cited should the facts support and the

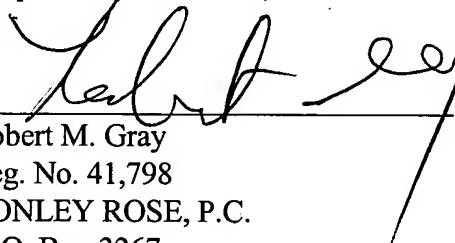
08/16/2004 AAD0F01 00000023 032769 10081275

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situation warrant such an action. It is submitted that the art cited does not constitute a bar to the patentability of Applicants' invention under 35 U.S.C. § 102 or § 103.

Because an Office Action has been entered in this case, this Information Disclosure Statement is being filed under C.F.R. 1.97(c). Applicant hereby authorizes the Commissioner to charge Deposit Account 03-2769 of Conley Rose, P.C. the amount of \$180 so that this Information Disclosure Statement may be considered.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Robert M. Gray', is written over a horizontal line.

Robert M. Gray  
Reg. No. 41,798  
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(713) 238-8000  
ATTORNEY/AGENT FOR APPLICANT

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

Applicant  
Amardeep Singh, et alFiling Date  
February 21, 2002Group  
3672

## REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	AA*	3344870	10/1967	Morris	175	374	
	AB*	4140189	2/20/79	Garner	175	329	6/6/77
	AC*	4167980	9/1979	Saxman	175	374	
	AD*	4444281	4/24/84	Schumacher, Jr. et al	175	336	3/30/83
	AE*	4591008	5/27/86	Oliver	175	227	8/22/84
	AF*	4936398	06/26/90	Auty et al	175	336	
	AG*	5064007	11/12/91	Kaalstad	175	334	
	AH*	5074367	12/1991	Estes	175	374	
	AI*	5145016	09/1992	Estes	175	331	
	AJ*	5289889	3/1/94	Gearhart et al.	175	325	1/21/93
	AK*	5494123	2/1996	Nguyen	175	408	
	AL*	5553681	9/1996	Huffstutler et al.	175	339	
	AM*	5697462	12/16/97	Grimes et al.	175	374	8/7/96
	AN*	5709278	1/20/98	Crawford	175	331	1/22/96
	AO*	5746280	5/5/98	Scott et al.	175	374	8/12/96
	AP*	5755301	05/1998	Love et al.	175	426	
	AQ*	5839526	11/24/98	Cisneros et al.	175	374	4/4/97
	AR*	5862871	1/26/99	Curlett	175	340	2/20/96
	AS*	5890550	04/1999	Swadi et al.	175	374	
	AT*	5996713	12/7/99	Pessier et al.	175	353	9/10/97
	AU*	6123160	09/2000	Tibbitts	175	385	
	AV*	6173797	01/2001	Dykstra et al.	175	374	
	AW*	6227314	05/2001	Zadraba et al.	175	331	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	Translation	
							YES	NO
	AX*	GB 2 349 661	08/11/00	UK	E21B	10/08	X	
	AY*	GB 2 309 242	23.07.97	UK	E21B	10/52	X	

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AZ*	U.K. Search Report for Appln. No. GB 0113771.0 Dated 31 October 2001; (3 p.)
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EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP '609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

\* Previously Cited in Parent Case